

CENTRAL VALLEY PROJECT  
SCHEDULE OF ESTIMATED M&I PROJECT USE ENERGY COSTS  
STORAGE, CONVEYANCE, AND OUT-OF-BASIN PUMPING  
2003 M&I WATER RATES

Facility/Contractor	Projected 2003 Deliveries (Sch. A-12)	Storage Pumping			SFU	Conveyance Pumping			Out-of-Basin Pumping	
		Columbia Mowry	Folsom Pump Plant	Gianelli WR Pump-Gen Plt	Gianelli WR Pump-Gen Plt	Dos Amigos Pump Plant	O'Neill Pump-Gen Plt	Tracy Pump Plant	Coyote PP	Pacheco PP
<b><u>Cross Valley Canal 5/</u></b>										
County of Fresno										
County of Tulare										
Total CVC										
<b><u>Delta-Mendota Canal</u></b>										
City of Tracy	7,500							7,500		
Del Puerto WD	9							9		
Department of Veterans Affairs	36							36		
Panoche WD - DMC	29							29		
Plain View WD	315							315		
San Luis WD - DMC	94							94		
Total DMC	7,983							7,983		
<b><u>Delta-Mendota Exchange</u></b>										
	82,988							82,988		
<b><u>Folsom Dam &amp; Reservoir</u></b>										
City of Roseville	25,118		25,118							
Sacramento County WD	1,630		1,630							
San Juan WD	7,699		7,699							
Total Folsom D&R	34,448		34,448							
<b><u>San Luis Canal - Fresno 1/</u></b>										
City of Avenal	2,625			1,838		2,625	2,625	2,625		
City of Coalinga	3,502			2,451		3,502	3,502	3,502		
City of Huron	509			356		509	509	509		
State of CA	6			4		6	6	6		
Westlands WD	4,500			3,150		4,500	4,500	4,500		
Total SLC - Fresno	11,142			7,799		11,142	11,142	11,142		
<b><u>San Luis Canal - Tracy 1/</u></b>										
Broadview WD	15			11		15	15	15		
Pacheco WD -SLC	12			9		12	12	12		
Panoche WD - SLC	24			17		24	24	24		
San Luis WD - SLC	341			239		23 2/	341	341		
Total SLC - Tracy	392			274		74	392	392		

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		Columbia Mowry	Folsom Pump Plant	Gianelli WR Pump-Gen Plt		Dos Amigos Pump Plant	O'Neill Pump-Gen Plt	Tracy Pump Plant	Coyote PP	Pacheco PP
<b><u>San Felipe Unit</u></b>										
San Benito County WD	4,746				4,746		4,746	4,746		4,746
Santa Clara Valley WD	92,741				92,741		92,741	92,741	46,370 3/	92,741
Total SFU	97,487				97,487		97,487	97,487	46,370	97,487
Total Deliveries	<u>234,439</u>		<u>34,448</u>	<u>8,074</u>	97,487	<u>11,216</u>	109,021	199,992	46,370	<u>97,487</u>
Estimated 2003 Project Use Energy Cost 4/		<u>\$1,080</u>	<u>\$10,698</u>	<u>\$26,554</u>	<u>\$320,637</u>	<u>\$14,005</u>	\$71,036	<u>\$483,193</u>	<u>\$85,304</u>	<u>\$326,777</u>
Less - Regeneration Credit										
Gianelli WR Pump-Gen Plt				(\$19,794)						
O'Neill Pump-Gen Plt							(6,614)			
Net Project Use Energy Cost				\$6,760			\$64,422			

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FOOTNOTES
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- 1/ According to MP-2810 (CB 06/93) only 70% of San Luis Canal Deliveries are stored in B.F.Sisk San Luis Reservoir and, therefore, require pumping by the WR Gianelli Pump-Generator.
- 2/ Excludes estimated San Luis WD deliveries before Dos Amigos. The calculation reflects the relationship between actual deliveries versus actual exclusions over a five year period ( 341 - 318 = 23 ) Refer to M&I 2003 Sch. A-11A.xls.
- 3/ Only 50% of Santa Clara Valley WD's deliveries require pumping through Coyote PP.
- 4/ The estimated 2003 costs will be calculated based on estimated data provided by Tom Ruthford (MP-3600) as included in total dollar column on page 2 of Schedule A-11. Costs were divided between Irrigation and M&I based on applicable acre-feet.
- 5/ Cross Valley Canal costs for the Dos Amigos PP PUE O&M will be included under direct pumping (see Schedule A-11).